



PATENT  
Atty. Docket No. MIT-103  
(5473/111)

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**APPLICANTS:** Kawasaki et al.

**SERIAL NUMBER:** 09/422,999

**GROUP NUMBER:** 1646

**FILING DATE:** 10/22/99

**EXAMINER:** Murphy, J.

**TITLE:** GENES INTEGRATING SIGNAL TRANSDUCTION  
PATHWAYS

Assistant Commissioner for Patents  
Washington, D.C. 20231

**AMENDMENT AND RESPONSE**

Sir:

This paper is responsive to the Office action mailed on July 26, 2001, in the above-identified patent application. For the reasons discussed below, Applicants respectfully request reconsideration and withdrawal of the rejections made in the Office action.

**Amendments**

Please amend the application as follows:

**In the Claims:**

Please cancel claims 118 and 120 without prejudice. Please amend claims 2, 4, 9, 11, 38, 39, 42, 43, 45 and 50-54 as follows: